

Achieve a Carbon-free future.

It starts with an understanding of your current greenhouse gas emissions. From there, Constellation can connect you with customized solutions throughout your journey to reduce your emissions and meet your sustainability goals.

Sample emissions report

Constellation customers
receive a customized report
showing greenhouse gas
emissions based on actual
usage and the products that
Constellation is providing
to the customer, alongside
the potential impact of
energy efficiency projects
and emissions mitigation.
The report provides the
information you need to
start your journey to meet
your sustainability and
carbon reduction goals.

Your **Scope 1** emissions resulting from natural gas purchased from Constellation are **784 metrics tons of CO₂**.

A **100% reduction** would be the **equivalent to** emissions associated with



1,879,129 miles driven by an average gasoline-powered passenger vehicle. Your **Scope 2** emissions resulting from electricity purchased from Constellation are **4,326 metrics tons of CO₂**.

A **100% reduction** would be the **equivalent to** emissions associated with



10,737,800 miles driven by an average gasoline-powered passenger vehicle. Constellation offers businesses a variety of innovative clean energy solutions to help reduce and offset carbon emissions.

- Carbon Emissions
 Baseline Inventory
- Energy Efficiency
- Renewable Energy Certificates
- Emission-Free Energy Certificates
- Renewable Natural Gas
- Carbon Offsets
- Offsite Renewables
- 24/7 Carbon-Free Energy

Contact our sustainability team to learn more. Our sustainability team can advise your business on how these solutions offset or reduce carbon emissions. The most costeffective way to reduce your Scope 2 emissions is through Emissions-Free Energy Certificates (EFECs).

Get started.

Our energy professionals can help develop a solution that's right for you. Contact our sustainability team to begin building your custom roadmap today.

ghg.constellation.com/PURL

- SustainabilityTeam@Constellation.com
- <u> 888.697.2012</u>

Types of emissions

To start the process, it's important to get acquainted with the various sources of emissions associated with businesses. Greenhouse gas emissions are classified as either Scope 1, 2 or 3 emissions based on their source.



Scope 1 Emissions Direct

Emissions associated with on-site natural gas use (generation, heat, etc.) and fleet consumption of fossil fuels.



Scope 2 Emissions Indirect

Emissions from generation providing purchased electricity.



Scope 3 Emissions Supplemental

Emissions from indirect sources, such as employee business travel and supply chain management.

To reduce Scope 1 emissions, such as natural gas burned in a boiler or gasoline/diesel/fuel oil used in vehicles or equipment, you can:

- Implement energy efficiency projects
- Incorporate electric vehicles (EVs) into your fleet

To reduce Scope 2 emissions,

you can voluntarily match your electricity supply requirements with Emission-Free Energy Certificates (EFECs) or Renewable Energy Certificates (RECs) to support the use of emission-free fuels.

Take the next step toward reaching • Purchase renewable natural true zero emissions by using Waste disposal Use of sold products gas (biogas) Constellation's electricity supply that is sourced 100% from • Transportation and distribution • Procure carbon offsets carbon-free power, or go even (up and down stream) further with our in-development • Investments • Leased assets and franchises **24/7** real-time carbon-free energy matching.

To reduce Scope 3 emissions,

you can choose more sustainable vendors (or encourage existing ones to engage in more sustainable practices) that assist with the following:

- Purchased goods and services
- Business travel
- Employee commuting

In addition to the above, any Scope 1, 2 or 3 emissions can be indirectly reduced through the purchase of carbon offsets.

Support a cleaner, healthier environment for your business and community.



Reduce energy usage

Your business can become more efficient if you spend less on fossil-based energy and therefore cause fewer emissions.



Meet environmental, social & governance (ESG) principles

Consumers and investors increasingly expect corporations to reduce emissions as a demonstration of their commitment to being a good corporate citizen.



Improve public health

Your sustainability goals can directly and positively impact the environment by improving air quality and reducing emissions.

Our energy professionals can help you build a custom roadmap to meet your sustainability and carbon reduction goals at each step of your journey.



Understand your facility usage and utility bills

Analytics platforms such as **Pear.ai** can help you manage carbon emissions data associated with your utilities, including energy, water, sewer, and diesel. Use it to generate valuable insights, such as baseline energy usage data and how energy efficiency upgrades and other options can reduce emissions.



Make energy efficiency upgrades

Energy efficiency upgrades, such as LED lighting and HVAC upgrades, can help reduce energy consumption and carbon emissions. With Constellation's Efficiency Made Easy[®] **(EME)** program, you can implement those infrastructure improvements with no upfront capital.

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Purchase EFECs and RECs

Emission-Free Energy Certificates **(EFECs)** represent the emission-free attributes of generating sources that do not emit greenhouse gases, such as solar, wind, nuclear and hydropower. At today's prices, these are the most cost-effective certificates available. Renewable Energy Certificates **(RECs)** represent the emission-free attributes of one megawatt hour (MWh) of electricity generated only by renewable power plants, such as from wind or solar power.



Explore renewable natural gas

Directly reduce greenhouse gas emissions resulting from natural gas consumption by matching your gas purchases with environmental attributes of renewable natural gas **(RNG)**, derived from sources including landfills, wastewater treatment plants and commercial & agricultural waste digesters.



Leverage carbon offsets

Indirectly reduce such emissions through the purchase of **carbon offsets**, which represent a verified reduction in emissions of carbon dioxide or other greenhouse gas emissions made elsewhere through forestry, energy efficiency, industrial process improvements and carbon capture & sequestration projects.



Procure offsite renewables

Through Constellation Offsite Renewables solutions, you have the ability to go beyond purchasing certificates and integrate energy from specific renewable energy projects in your region. Purchase renewable energy from existing **(CORe)** or new-build **(CORe+)** generation, including solar and wind facilities, into load-following energy supply.



Pursue 24/7 matching of clean electricity with your load

By matching your electricity use with a local emission-free energy source in real time, you can go beyond other netzero programs to allow you to eliminate the carbon impact of your operations and fully achieve zero emissions goals.

Start your customized journey today ghg.constellation.com/PURL

Constellation is the nation's largest carbon-free energy producer and a leading supplier of clean energy solutions.

Achieve your sustainability targets

With our broad array of innovative clean energy solutions, Constellation can help you achieve your carbon reduction goals at each step of your journey. Work with our energy professionals to develop the right solutions for your business. Put your strategy into action. Transform your business to confront the climate crisis.

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Location-based Scope 2 emissions associated with electricity supplied by Constellation are calculated using emissions factors available from the Emissions and Generation Resource Integrated Database (eGRID) of the United States Environmental Protection Agency (US EPA) based on billed customer usage. Emissions associated with natural gas supplied by Constellation are calculated as 0.053 metric tons of CO2 equivalent per 1 MMBtu of natural gas burned, based on billed Customer usage.

Electricity or Gas Supplier License/Order #s: CA 1359, CTA0032; CT 01-06, 06-07-11; DE 00-162; DC GA06-2, EA01-5; GA GM-46; IL 16-0205, 17-0330; IA G-0010; ME 2000-989; MD IR-655, IR-500; MA GS-030, CS-015; MI U-14867, U-13660; NE NG-0043; NH DM 17-024; NJ GSL-0101, ESL-0016; OH 09- 153G, 00-003E; OR ES4 (12-162); PA A-2016-2542899, A-125095, A-110036; RI 2379(Z1), D-96-6(E); TX 10014, VA G-26, G-51, E-11A.

